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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended December 21, 1984 NO. 51

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/21/84	Last Week Ending: 12/14/84	Last Year Week Ending: 12/23/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,076	12,045	11,833	31	243
Operable capacity	16,074	16,074	16,309	0	-235
Percent operated	75.1	74.9	72.6		
Motor Gasoline					
Total motor gasoline production	6,436	6,535	6,450	-99	-14
Finished leaded motor gasoline production	2,434	2,437	2,817	-3	-383
Finished unleaded motor gasoline production	4,002	4,098	3,633	-96	369
Total motor gasoline stocks	239,714	241,284	238,150	-1,570	1,564
Finished leaded motor gasoline stocks	91,088	89,563	98,350	1,525	-7,262
Finished unleaded motor gasoline stocks	108,486	111,093	100,255	-2,607	8,231
Distillate Fuel Oil					
Distillate fuel oil production	2,861	2,696	2,673	165	188
Distillate fuel oil stocks	152,897	153,391	159,216	-494	-6,319
Residual Fuel Oil					
Residual fuel oil production	1,061	942	787	119	274
Residual fuel oil stocks	55,391	51,529	52,555	3,862	2,836
Imports					
Crude oil imports	2,627	2,965	3,581	-338	-954
Product imports	1,986	2,152	1,537	-166	449
Crude Oil Stocks					
Crude oil stocks	339,076	346,368	349,414	-7,292	-10,338

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,169	1,120	1,159	1,405	82.5
Appal. No. 1	98	92	92	115	80.0
DISTRICT 1 TOTAL	1,267	1,212	1,251	1,520	82.3
Appal. No. 2	55	51	51	66	77.3
Ind., Ill., Ky.	1,907	1,725	1,740	2,309	75.4
Minn., Wis., Daks.	318	298	309	303	102.0
Okla., Kans., Mo.	784	681	697	755	92.3
DISTRICT 2 TOTAL	3,064	2,755	2,797	3,433	81.5
Inland Texas	561	495	501	615	81.5
Texas Gulf Coast	2,970	2,668	2,723	3,837	71.0
La. Gulf Coast	2,118	1,926	1,943	2,562	75.8
N. La. and Ark.	189	171	172	302	57.0
New Mexico	57	52	53	114	46.5
DISTRICT 3 TOTAL	5,895	5,312	5,392	7,430	72.6
DISTRICT 4 TOTAL	456	425	436	537	81.2
DISTRICT 5 TOTAL	2,339	2,200	2,200	3,154	69.8
TOTAL U.S.	13,021	11,904	12,076	16,074	75.1
TOTAL U.S. Weeks Ended:					
DEC. 14, 1984	12,980	11,870	12,045	16,074	74.9
DEC. 23, 1983	12,784	11,591	11,833	16,309	72.6
DISTRICTS 1-4 Weeks Ended:					
DEC. 21, 1984	10,682	9,704	9,876	12,920	76.4
DEC. 14, 1984	10,559	9,612	9,779	12,920	75.7
DEC. 23, 1983	10,514	9,426	9,670	13,249	73.0

API WEEKLY STATISTICAL BULLETIN
Week Ended December 21, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	571	183	388	28	33	340	149
Appal. No. 1	44	23	21	1	--	22	5
DISTRICT 1 TOTAL	615	206	409	29	33	362	154
Appal. No. 2	30	13	17	1	1	13	1
Ind., Ill., Ky.	1,166	393	773	20	105	432	57
Minn., Wis., Daks.	164	84	80	5	10	89	9
Okla., Kans., Mo.	399	222	177	14	31	197	9
DISTRICT 2 TOTAL	1,759	712	1,047	40	147	731	76
Inland Texas	327	155	172	56	25	148	22
Texas Gulf Coast	1,403	435	968	43	225	637	219
La. Gulf Coast	1,001	390	611	32	292	467	153
N. La. and Ark.	54	24	30	3	--	56	8
New Mexico	34	17	17	9	2	12	--
DISTRICT 3 TOTAL	2,819	1,021	1,798	143	544	1,320	402
DISTRICT 4 TOTAL	218	112	106	12	27	105	9
DISTRICT 5 TOTAL	1,025	383	642	65	218	343	420
TOTAL U.S.	6,436	2,434	4,002	289	969	2,861	1,061
TOTAL U.S. Weeks Ended:							
DEC. 14, 1984	6,535	2,437	4,098	274	925	2,696	942
DEC. 23, 1983	6,450	2,817	3,633	242	794	2,673	787
DISTRICTS 1-4 Weeks Ended:							
DEC. 21, 1984	5,411	2,051	3,360	224	751	2,518	641
DEC. 14, 1984	5,461	2,071	3,390	201	682	2,357	562
DEC. 23, 1983	5,450	2,391	3,059	189	566	2,335	465

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 21, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,895	2,555	3,339	1	134	843	11,544	1,624	--
Central Atlantic	32,872	11,719	16,242	4,911	529	4,663	39,806	23,315	11,498
Lower Atlantic	27,546	11,083	16,094	369	335	4,351	16,718	4,090	476
DISTRICT 1 TOTAL	66,313	25,357	35,675	5,281	998	9,857	68,068	29,029	11,974
DISTRICT 2 TOTAL	71,144	31,076	32,331	7,737	1,410	9,024	40,204	4,198	16,850
DISTRICT 3 TOTAL	66,510*	22,322*	26,932*	17,256	2,669	10,966	30,240*	11,590	45,117
DISTRICT 4 TOTAL	6,978	2,742	2,208	2,028	360	768	3,595	983	2,547
DISTRICT 5 TOTAL	28,769	9,591	11,340	7,838	1,881	5,766	10,790	9,591	24,756
TOTAL U.S.	239,714	91,088	108,486	40,140	7,318	36,381	152,897	55,391	101,244
TOTAL U.S.									
Weeks Ended:									
DEC. 14, 1984	241,284*	89,563*	111,093*	40,628	7,440	37,726	153,391*	51,529	103,409
DEC. 23, 1983	238,150	98,350	100,255	39,545	7,245	36,621	159,216	52,555	103,782
DISTRICTS 1-4									
Weeks Ended:									
DEC. 21, 1984	210,945	81,497	97,146	32,302	5,437	30,615	142,107	45,800	76,488
DEC. 14, 1984	212,186*	80,121*	99,445*	32,620	5,656	31,857	141,711*	42,699	78,785
DEC. 23, 1983	211,286	88,812	90,096	32,378	5,610	30,986	147,846	44,090	78,283

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 21, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
DEC. 21, 1984	5,962.0	5,989.0	2,547	401	258,763
DEC. 14, 1984	5,962.0	--	2,547	293	261,523
DEC. 7, 1984	5,951.0	--	2,957	252	260,476
NOV. 30, 1984	5,951.0	--	3,300	329	263,990
DISTRICT 5 TOTAL					
DEC. 21, 1984	2,830.2	2,824.0	80	--	80,313 ♦
DEC. 14, 1984	2,830.2	--	418	--	84,845
DEC. 7, 1984	2,898.5	--	167	--	76,938
NOV. 30, 1984	2,898.5	--	396	--	78,103
TOTAL U.S.					
DEC. 21, 1984	8,792.2	8,813.0	2,627	401	339,076 ♦
DEC. 14, 1984	8,792.2	--	2,965	293	346,368
DEC. 7, 1984	8,849.5	--	3,124	252	337,414
NOV. 30, 1984	8,849.5	--	3,696	329	342,093
DEC. 23, 1983	8,397.0 /a	--	3,581	183	349,414

♦INCLUDES 21,734 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for December 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 21, 1984	14,730	76,604	153,456	13,973	258,763	80,313 ♦	339,076 ♦
DEC. 14, 1984	14,822	76,394	156,243	14,064	261,523	84,845	346,368
DEC. 23, 1983	17,912	76,422	161,761	13,748	269,843	79,571	349,414

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	110	54	56	--	--	84	84	10	--	--	288
Central Atlantic	126	66	60	--	17	30	462	5	22	134	796
Lower Atlantic	--	--	--	--	--	97	54	--	--	--	151
DISTRICT 1 TOTAL											
DEC. 21, 1984	236	120	116	--	17	211	600	15	22	134	1,235
DEC. 14, 1984	455	243	212	--	33	187	666	25	101	118	1,585
DEC. 7, 1984	391	166	225	57	38	270	329	16	64	70	1,235
NOV. 30, 1984	279	117	162	50	4	307	462	60	64	38	1,264
DISTRICTS 2-4 TOTAL											
DEC. 21, 1984	15	7	8	--	--	8	58	288	130	163	662
DEC. 14, 1984	34	18	16	32	--	10	38	164	--	229	507
DEC. 7, 1984	17	9	8	--	--	7	52	178	114	273	641
NOV. 30, 1984	12	6	6	--	--	7	96	269	125	49	558
DISTRICT 5 TOTAL											
DEC. 21, 1984	18	6	12	--	4	4	11	15	3	34	89
DEC. 14, 1984	38	16	22	--	--	2	7	13	--	--	60
DEC. 7, 1984	19	8	11	--	--	1	10	12	--	26	68
NOV. 30, 1984	13	6	7	--	--	2	5	23	--	17	60
TOTAL U.S.	269	133	136	--	21	223	669	318	155	331	1,986
TOTAL U.S. Weeks Ended:											
DEC. 14, 1984	527	277	250	32	33	199	711	202	101	347	2,152
DEC. 7, 1984	427	183	244	57	38	278	391	206	178	369	1,944
NOV. 30, 1984	304	129	175	50	4	316	563	352	189	104	1,882
DEC. 23, 1983	270	120	150	--	28	208	610	236	88	97	1,537

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

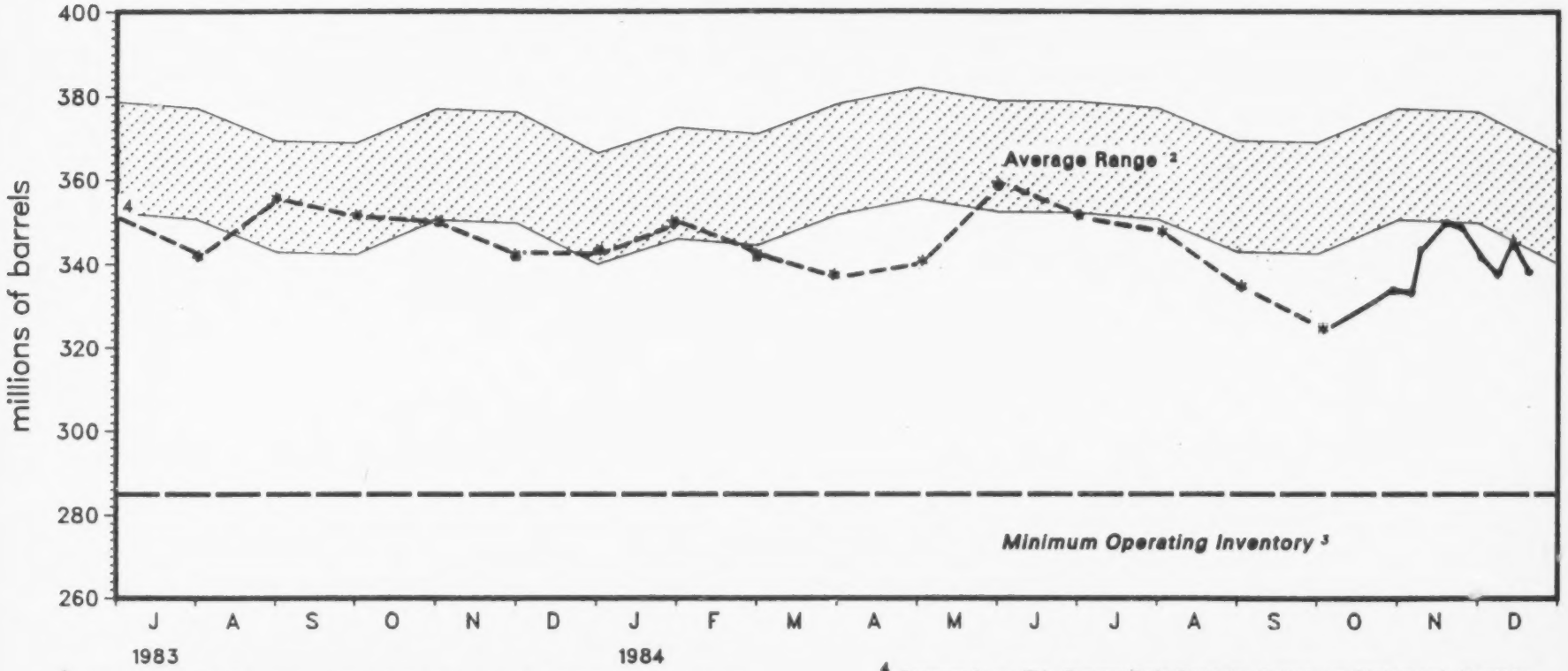
API STATISTICAL BULLETIN
WEEK ENDED: DEC. 21, 1984

REVISIONS

12/14/84	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	68,876
			TOTAL U.S.	241,284
			DISTRICTS 1-4	212,186
		LEADED MGAS	DISTRICT 3 TOTAL	21,972
			TOTAL U.S.	89,563
			DISTRICTS 1-4	80,121
		UNLEADED MGAS	DISTRICT 3 TOTAL	29,322
			TOTAL U.S.	111,093
			DISTRICTS 1-4	99,445
		DISTILLATE FUEL	DISTRICT 3 TOTAL	29,884
			TOTAL U.S.	153,391
			DISTRICTS 1-4	141,711

Week Ended December 21, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

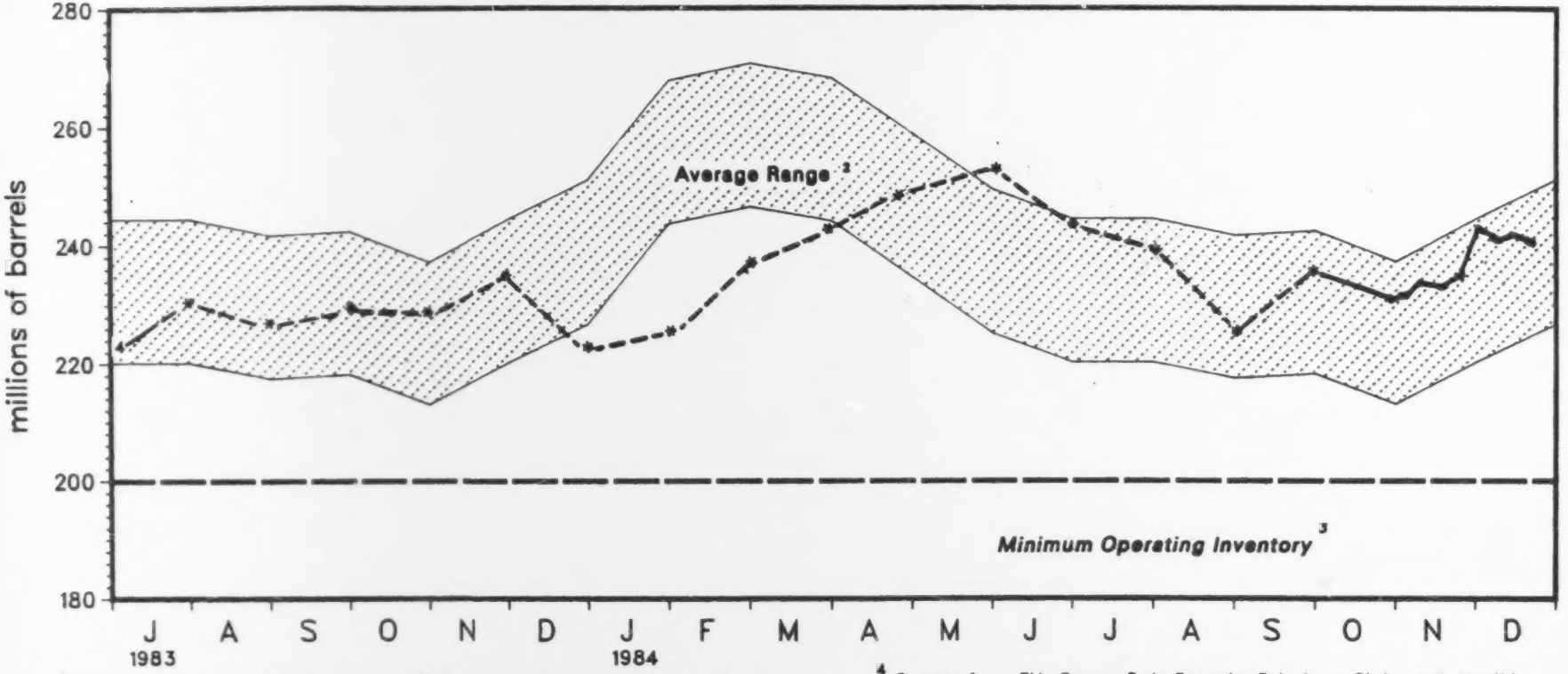
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

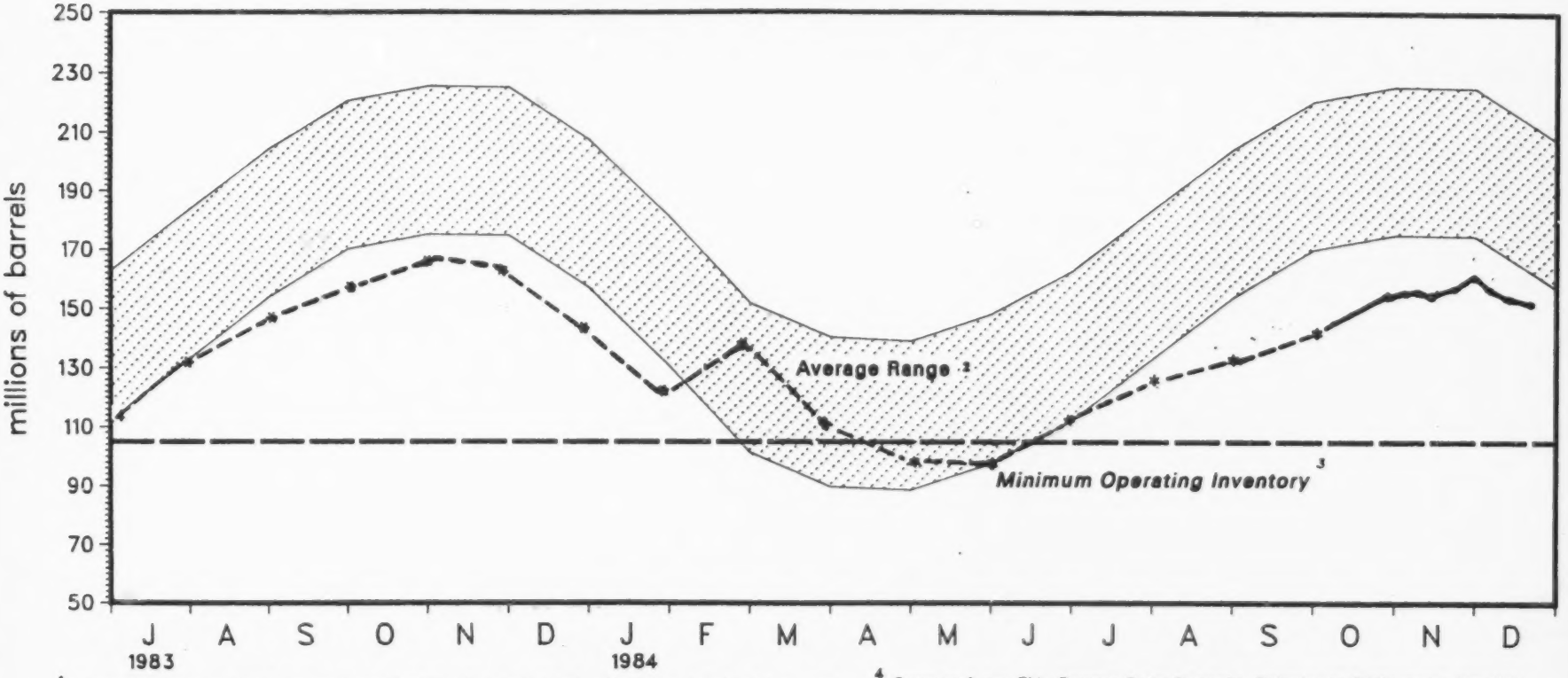
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*